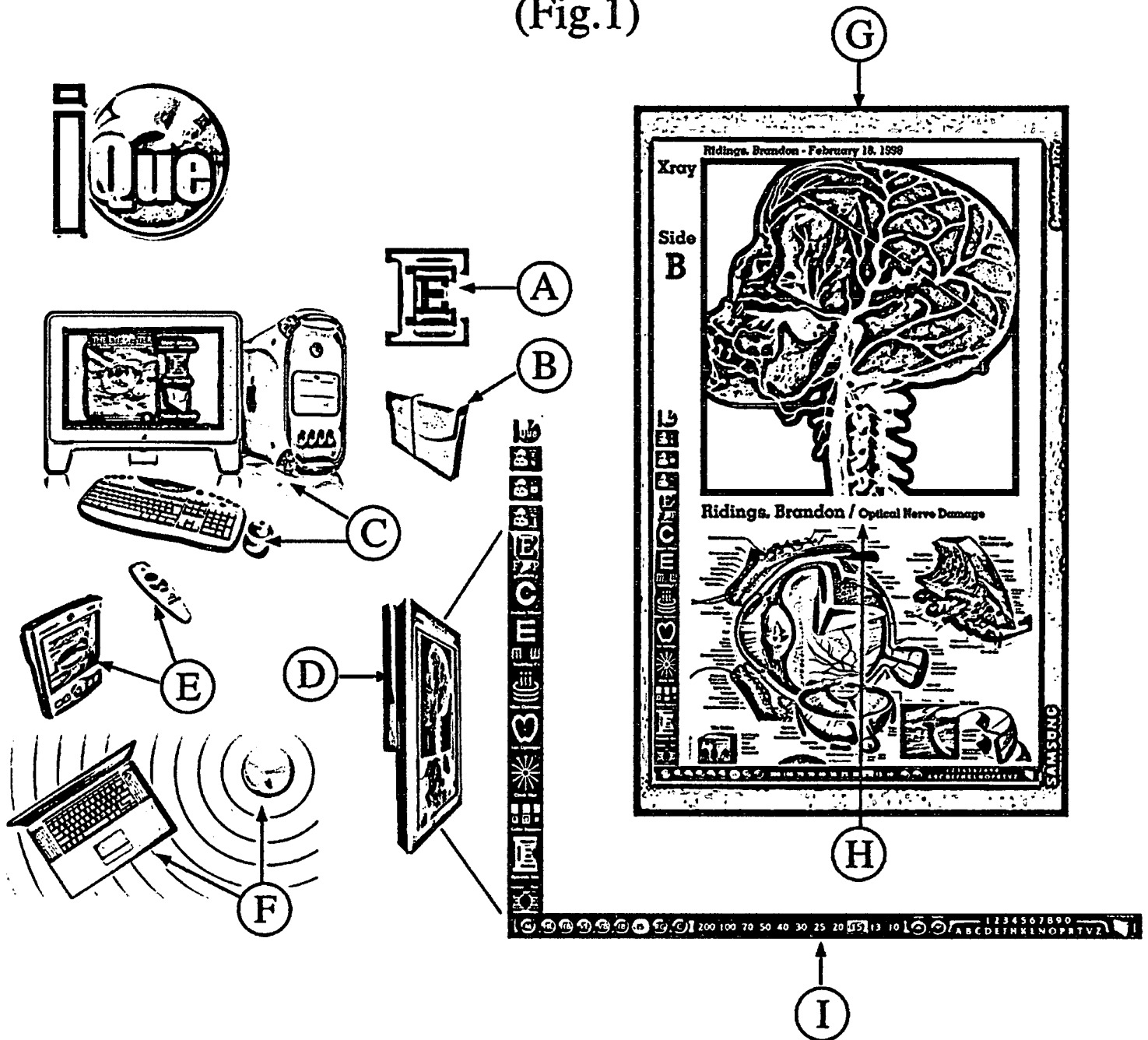


iQue™ - A/VTs (iQue™-Vision) Stand Alone Configuration (Fig.1)

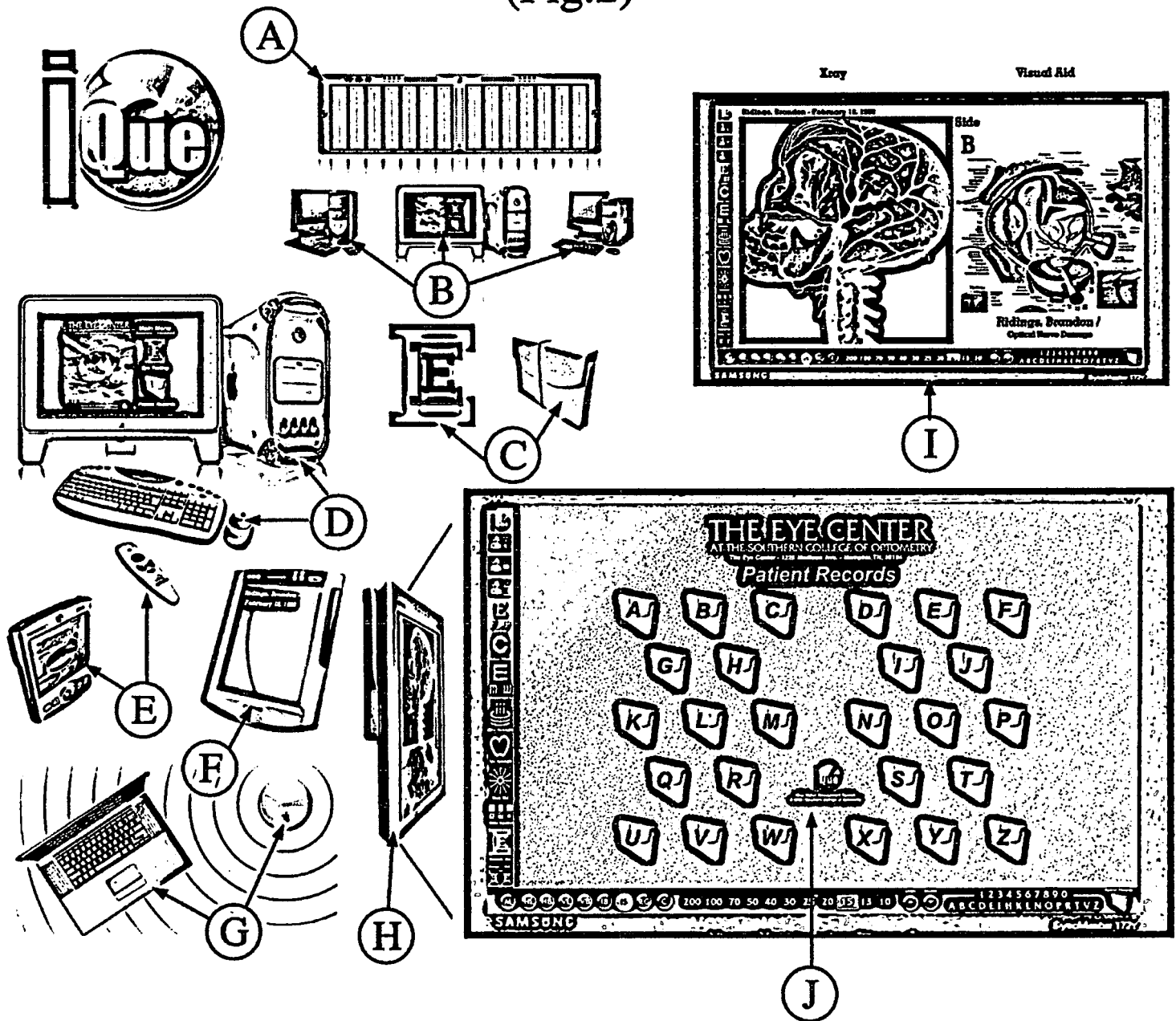


Legend

- A - Desk top Icon for Visual Records
- B - Desktop Icon for Patient Records
- C - Wireless Keyboard / Mouse Control for Internet Access or Patient Data
- D- Wall Mounted Hi-Rez Screen
- E - Optional Palm pilot / Mouse Pointer
- F - Hard Wired or Wireless Network to Link Screen
- G -Hi-Rez 17" - 50" Screens with 500:1 or Higher Contrast Level
- H- Kiosk Interface and screen projection
- I- Kiosk interface Menu Style for easy file access

iQue™ A/VTS (iQue™-Vision)

Multiple Operating Systems on a Unix Server (Fig.2)



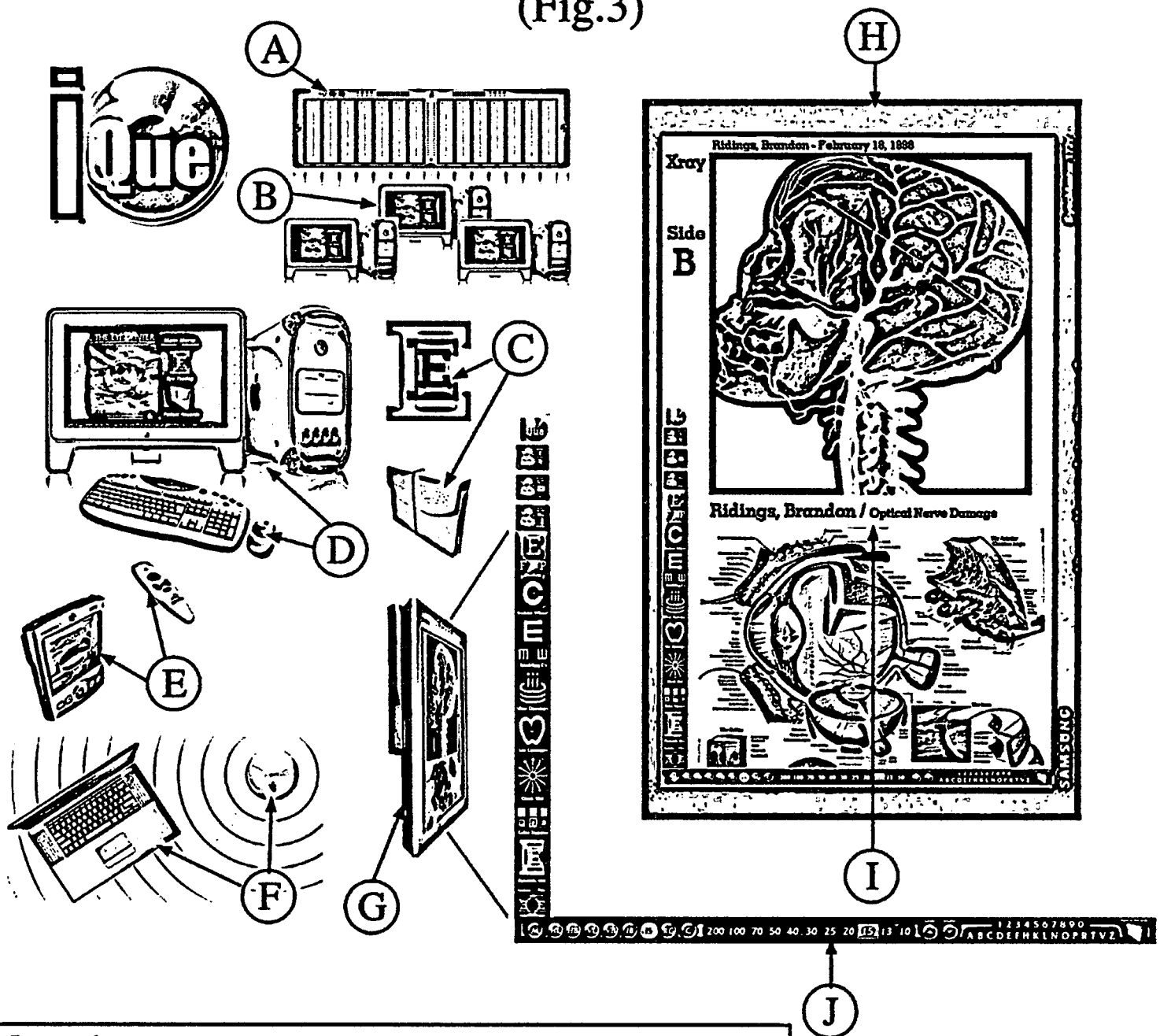
Legend

- A - iQue A.VTS configured on a Unix Server
- B - Cross Platform System include: Windows, Macintosh and RedHat Linux
- C - Desktop Icon for Visual Records and Patient Records
- D - Wireless Keyboard / Mouse Control for Internet Access or Patient Data
- E - Optional Palm Pilot / Mouse Pointer
- F - PC Tablet
- G - Hard Wired or Wireless Network to Linked Screens
- H - Wall mounted Hi-Rez Screen
- I - Hi-Rez 17" - 50" Screens with 500:1 or Higher Contrast Level
- J - Kiosk interface Menu Style for easy file access

iQue™ - A/VTS (iQue™Vision)

Multiple Operating Systems on a Unix Server

(Fig.3)



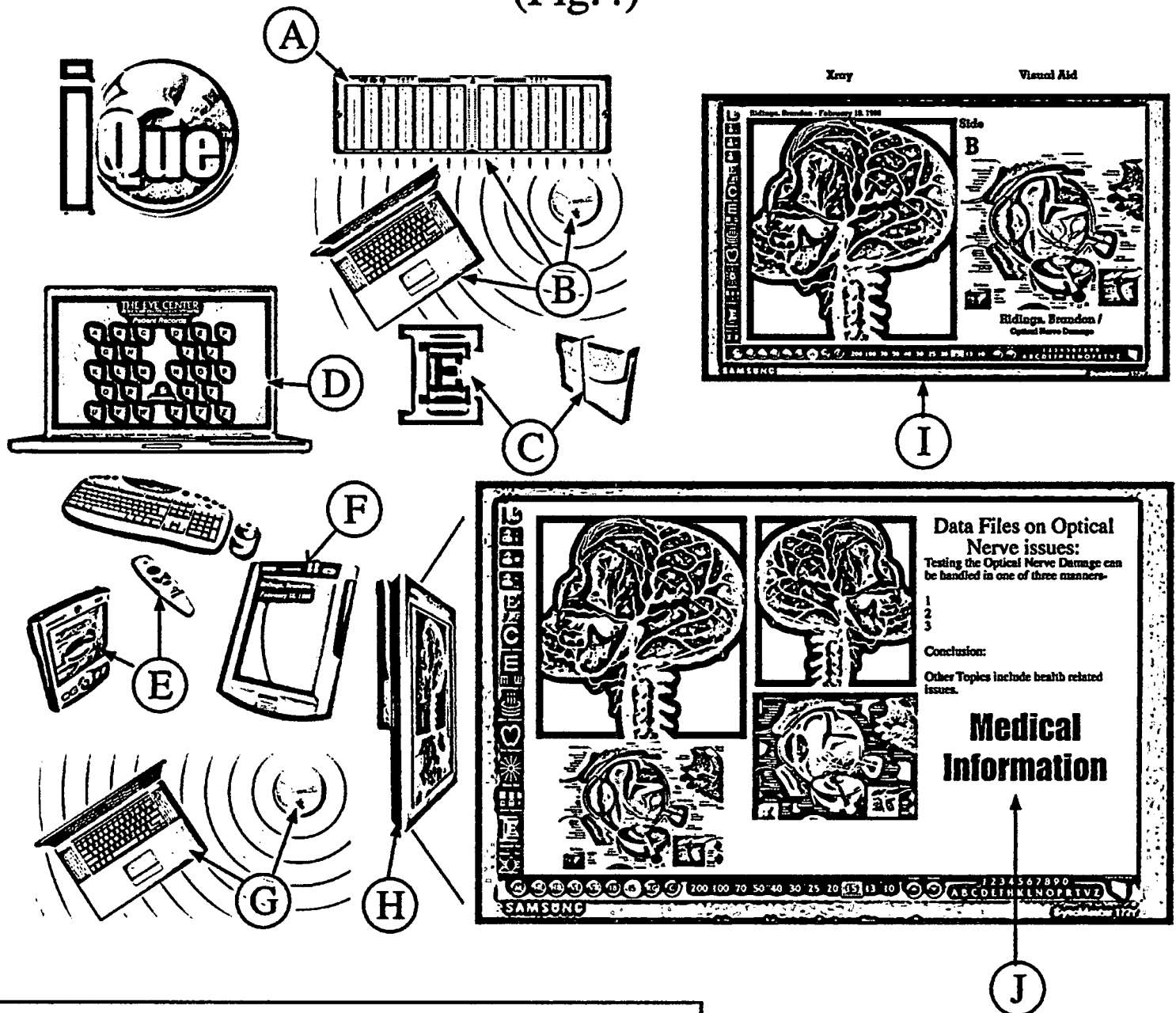
Legend

- A - iQue A.VTS configured on a Unix Server
- B - 250 Users 125 Host Files
- C - Desktop Icon for Visual Records and Patient Records
- D- Wireless Keyboard / Mouse Control for Internet Access or Patient Data
- E - Opional Palm Pilot / Mouse Pointer
- F -Hard Wired or Wireless Network to Linked Screens
- G- Wall mounted Hi-Rez Screen
- H- Hi-Rez 17" - 50" Screens with 500:1 or Higher Contrast Level
- I- Kiosk Interface showing Screen projection
- J- Kiosk interface Menu Style for easy file access

iQue™ - A/VTS (iQue™-Vision)

Portable / Wireless Connection to a Unix Server

(Fig.4)



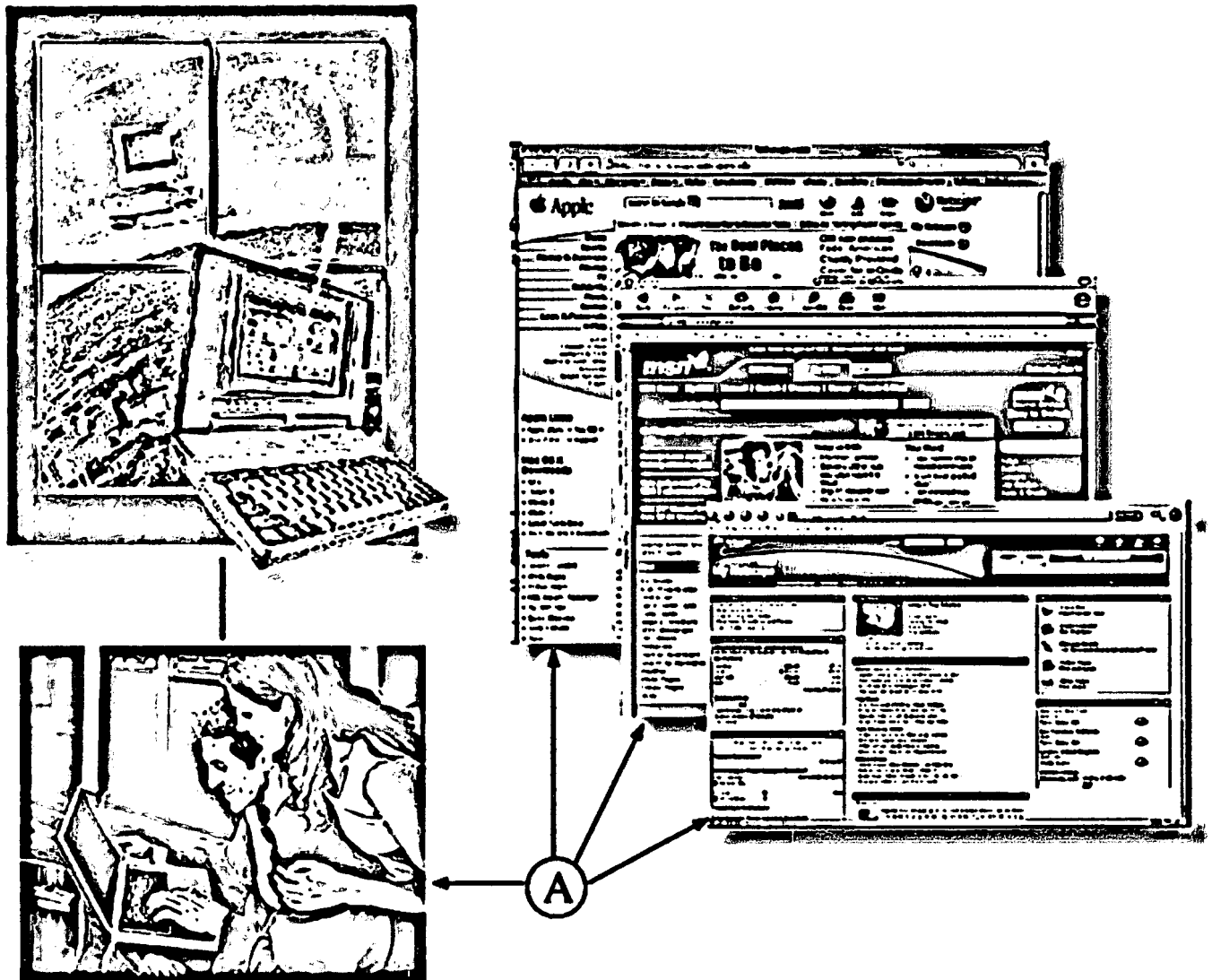
Legend

- A - iQue A.VTS configured on a Unix Server
- B - Wireless connection to server
- C - Desktop Icon for Visual Records and Patient Records
- D - Portable Laptop showing Patient files
- E - Optional Palm Pilot / Mouse Pointer
- F - PC tablet
- G - Hard Wired or Wireless Network to Linked Screens
- H - Wall mounted Hi-Rez Screen
- I - Hi-Rez 17" - 50" Screens with 500:1 or Higher Contrast Level
- J - Kiosk Interface showing Screen projection

iQue™ A/VTs (iQue™ Vision)

Internet Based Home Therapy System

(Fig.5)



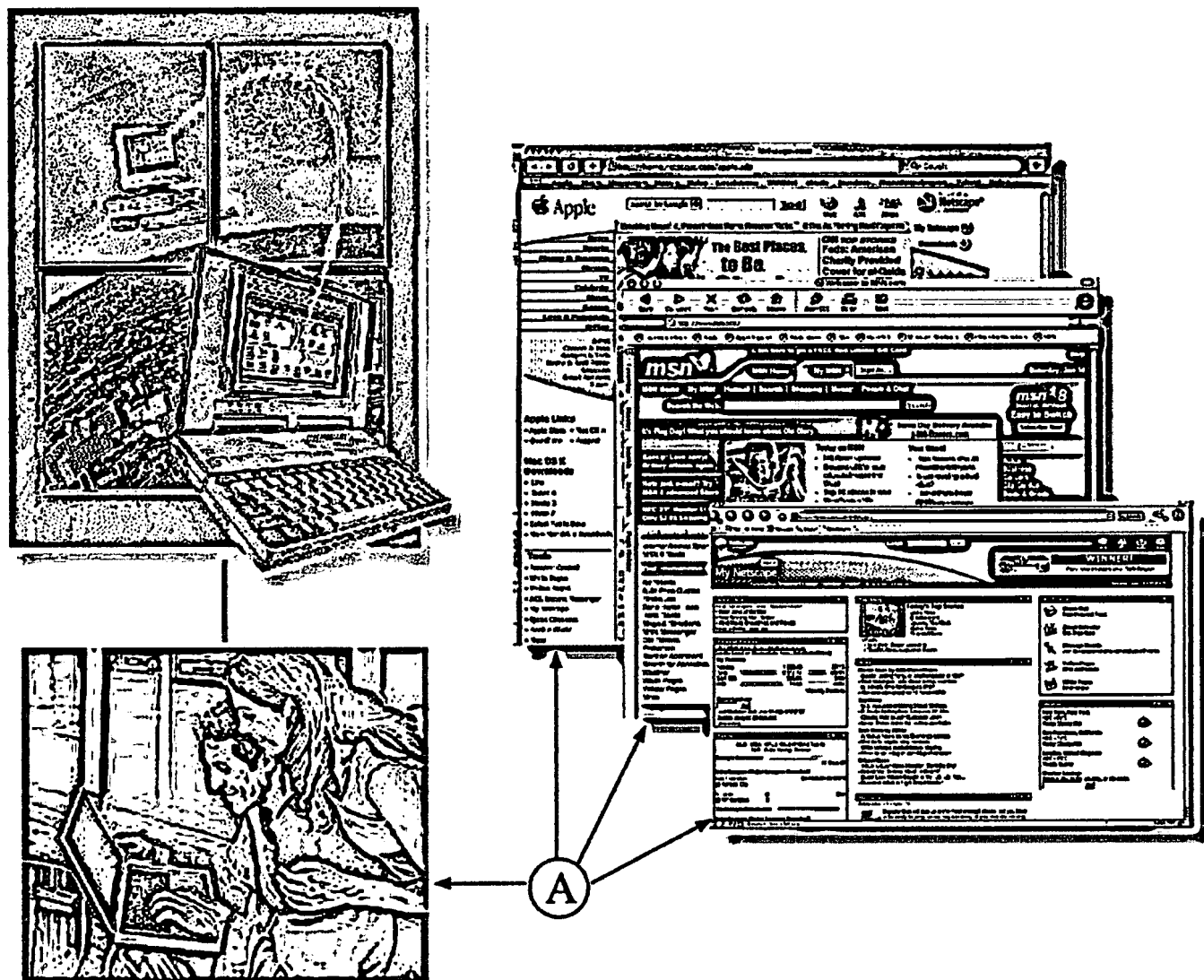
Legend

A- Using any Internet Browser. A patient can access simple therapy test as long as the monitor meets resolution and size requirements

iQue™ - A/VTS (iQue™-Vision)

Internet Based Home Therapy System

(Fig.5)



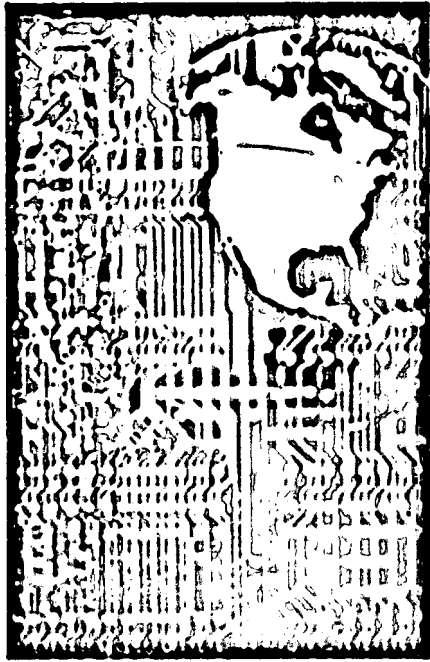
Legend

A- Using any Internet Browser: A patient can access simple therapy test as long as the monitor meets resolution and size requirements

iQue™ A/VTs (iQue™ Vision)

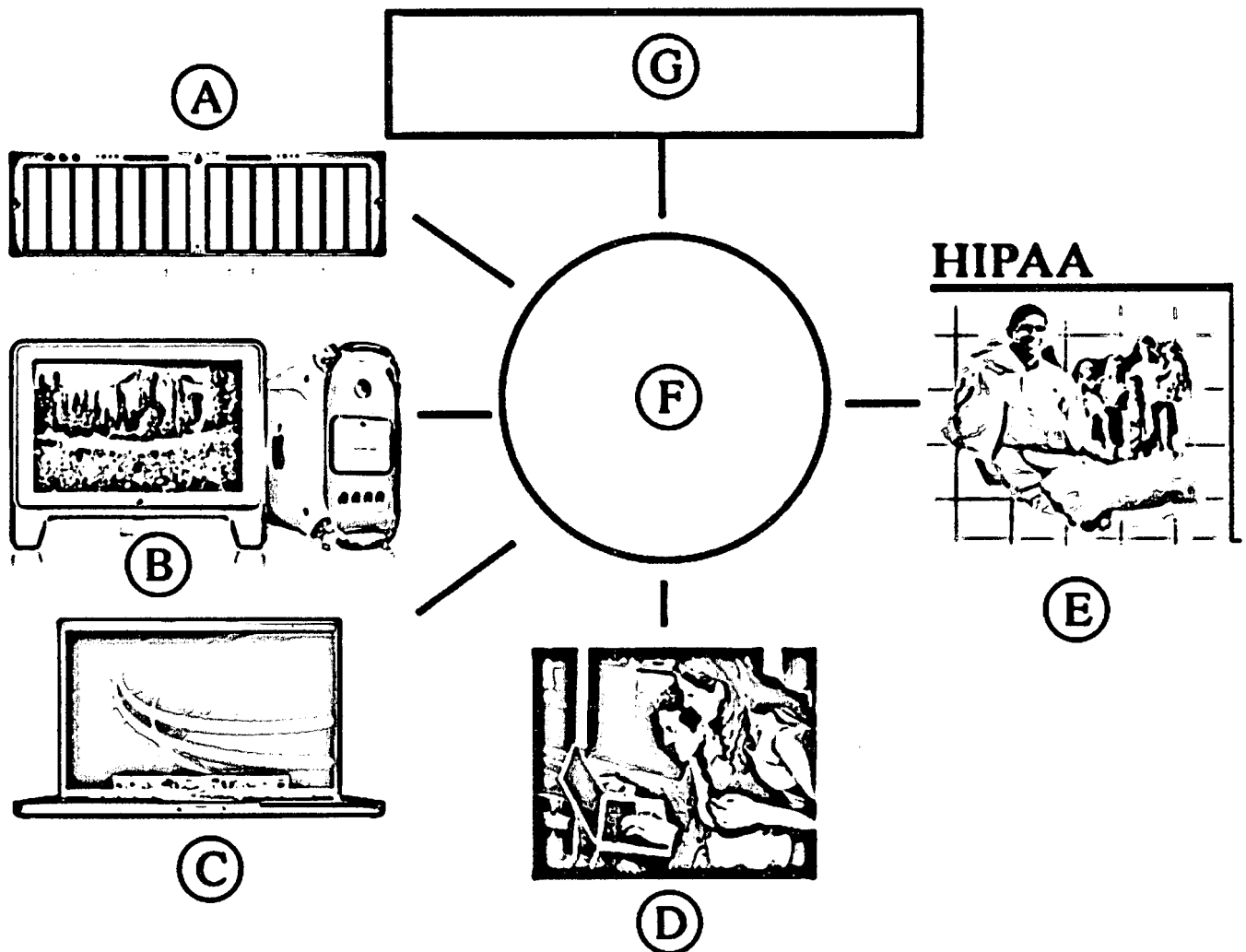
Unix Server Benefits and Connections

(Fig.6)



Legend

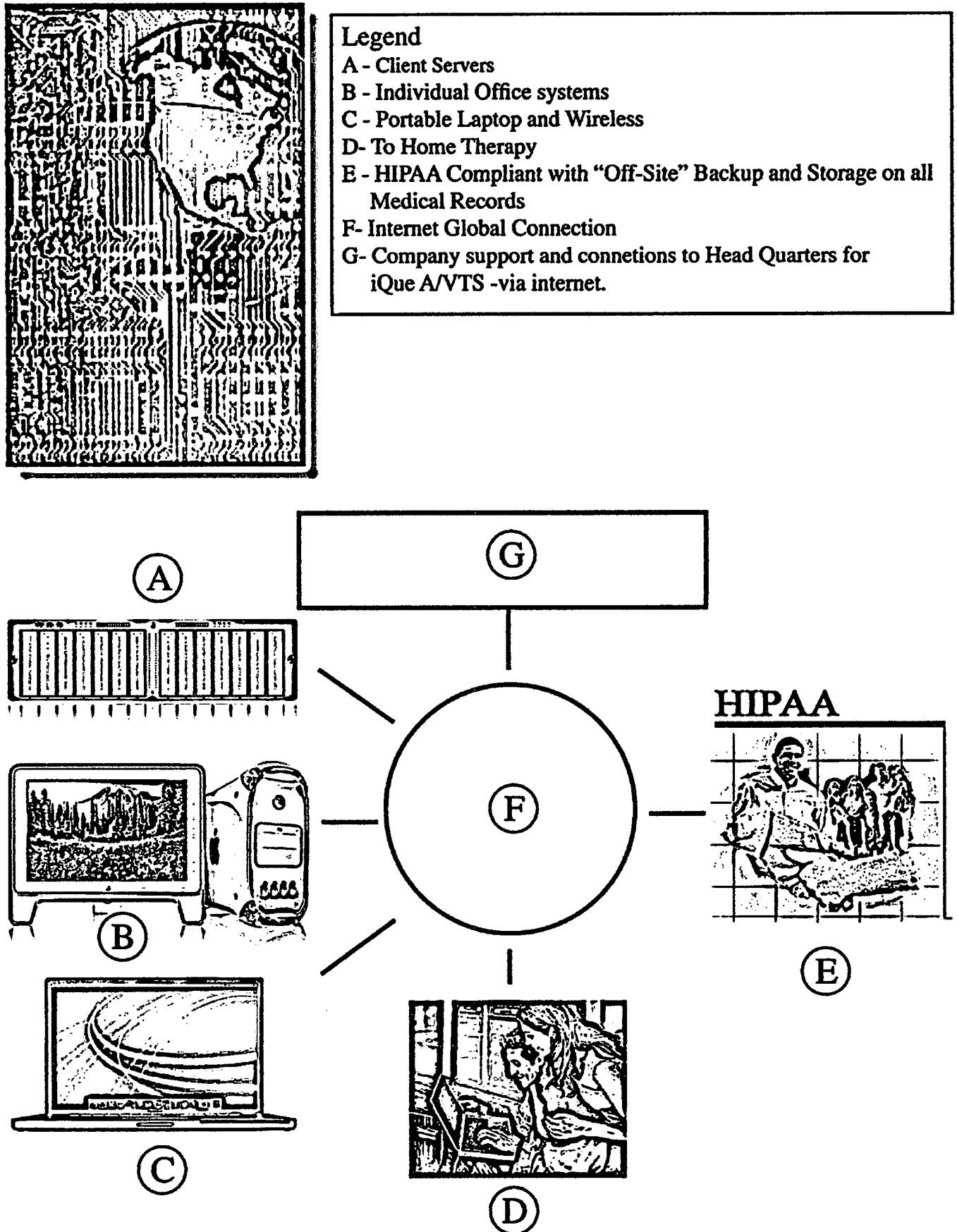
- A - Client Servers
- B - Individual Office systems
- C - Portable Laptop and Wireless
- D - To Home Therapy
- E - HIPAA Compliant with "Off-Site" Backup and Storage on all Medical Records
- F - Internet Global Connection
- G - Company support and connections to Head Quarters for iQue A/VTs -via internet.



iQue™ - A/VTs (iQue™-Vision)

Unix Server Benefits and Connections

(Fig.6)

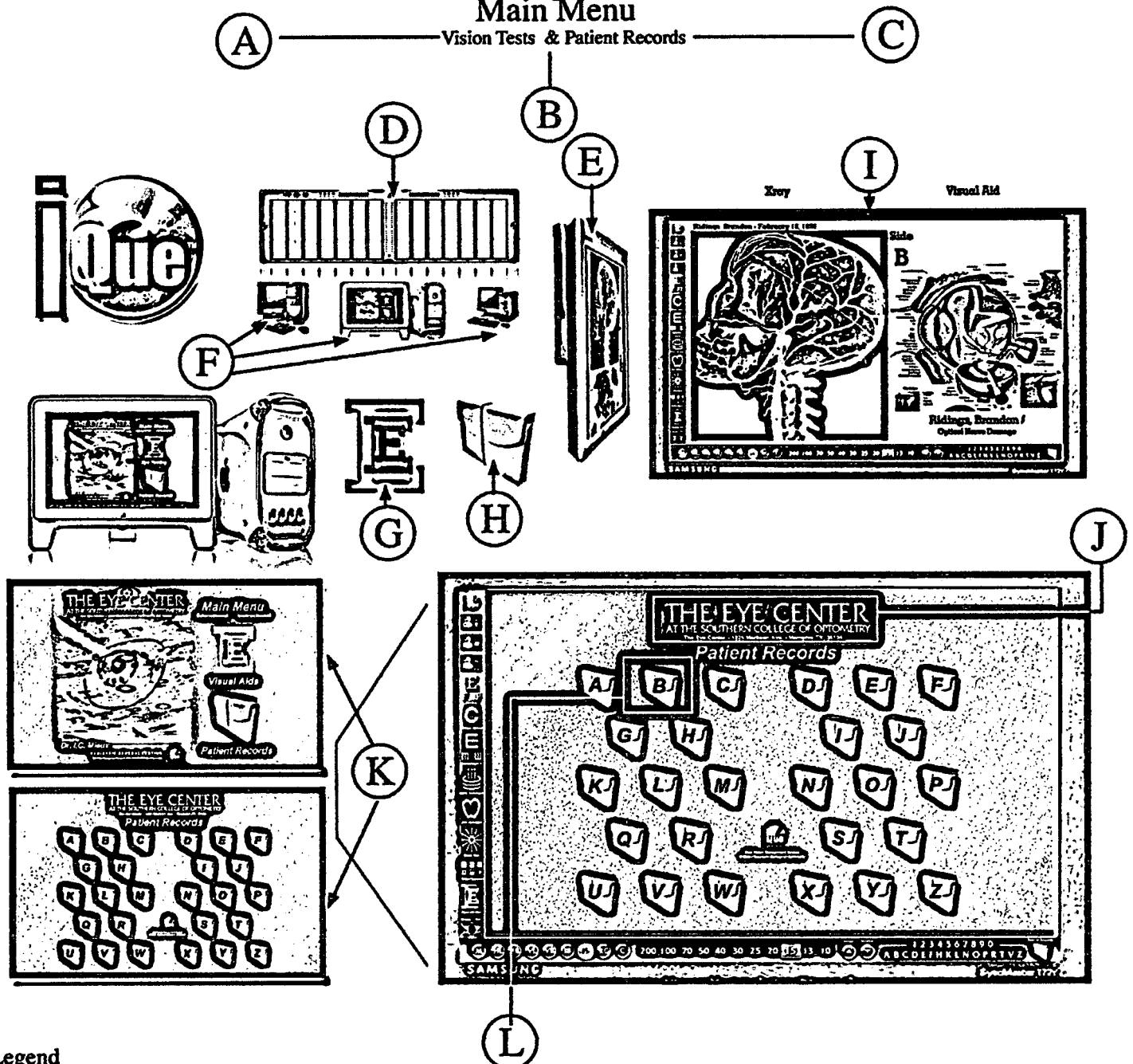


iQue™ A/VTS (iQue™-Vision)

Functionality & Menu Control

(Fig. 7)

Main Menu



Legend

- A - Include: Charts, Graphs, Photos Illustrations, Xrays and Video Movies and more
- B - Include: Internet Servicing w/ Audio /Video Conferencing
- C - Include: Administrative Data, Financial, Privacy, Medical History, Exam Profile and Medical Release forms
- D- Unix Server
- E - Wall mounted Hi-Rez Screen
- F - Multiple OS's
- G- Desktop Icon for Visual Records
- H- Desktop Icon for Patient Records
- I- Hi-Rez 17" - 50" Screens with 500:1 or Higher Contrast Level
- J- Customized Screens for Doctors preference / samples include but are not limited to these designs:
- K- Kiosk Mode Style Menus Simple Touch the Screen or use a mouse to select the desired results.
- L- Using the kiosk menu system gives the Doctor complete control over the entire exam procedure.

Measurement Formula for 20/20 Vision

$$\tan \Theta = h/d$$

$$\tan 5' = h/6m; h = 8.73mm$$

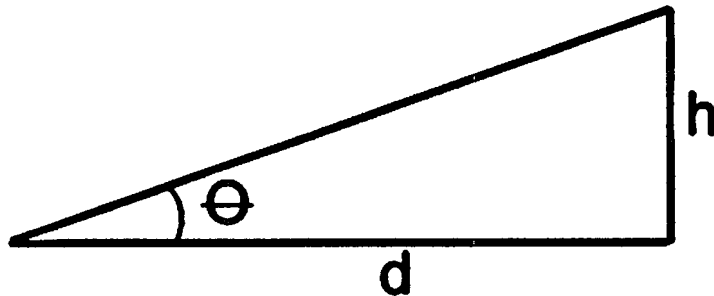


Figure 8 Replacement Sheet

Digital Acuity Vision Testing Formula (DAVTF)

The digital minimum formula is:

400:1 Contrast Sensitivity or >

@ 1° true rez visual acuity letters

@ min screen resolution of 1024x768 or >

4500K ambient light or >.

$$\tan \Theta = h/d$$

400:1 > @ 1°TR

SR 1024 x 768 > /4500K >

$$\tan 5' = h/6m; h = 8.73mm$$

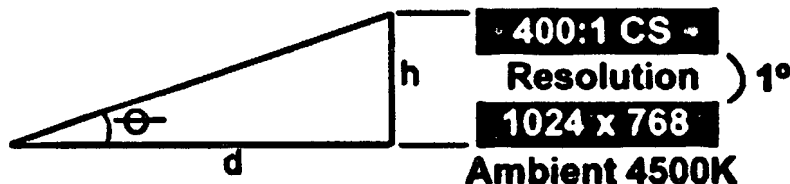


Figure 8 Replacement Sheet

TOPCON

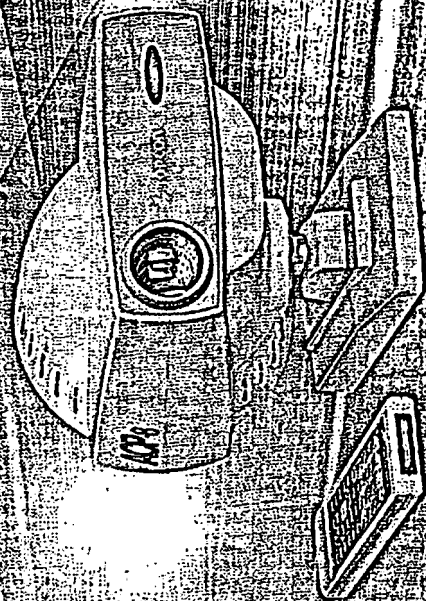
TOPCON

AUTO CHART PROJECTOR

ACP-8 NEW

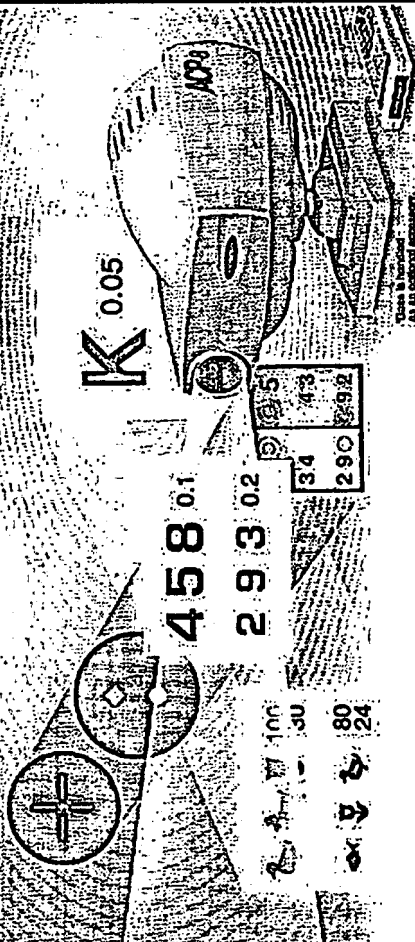
Creation
TOPCON - ACP
20 years of highest quality

EMEME 0.3
WEMEM 0.4
EEMME 0.5



VERSATILE... QUICK... CONVENIENT... FUNCTIONAL

The TOPCON ACP-8 EXTRA Auto Chart Projector provides improved sharp and clear image projection and fast chart rotation. A cordless remote controller allows instant projection of the 30 test charts at a rate of 0.03 seconds per frame. In addition, the ACP-8 can offer 3 x 5 character charts with a wide projection size (330 x 270) for fast and efficient testing.



Features

- o Coupled with CV-3000**
The ACP-8 can be remote controlled directly with the TOPCON Charge Vision CV-3000 remote. This combination allows the operator to quickly and easily access all functions for general visual examination.
- o Program Settings**
The ACP-8 can be programmed to project a specific sequence of charts for maximum flexibility and reduction waste.
- o Single Character Masking**
The versatile masking capabilities of the ACP-8: better color projection of a single character at a time.
- o Tilt Function**
The horizontal axis of the projector can be adjusted to guarantee a perfectly positioned projection on the screen.

o Easy Setup and Maintenance
It is very easy to replace the bulb. You needn't adjust the position and focus of the bulb after replacement.

Figure 9A Replacement Sheet

Figure 9A Replacement Sheet

TOPCON

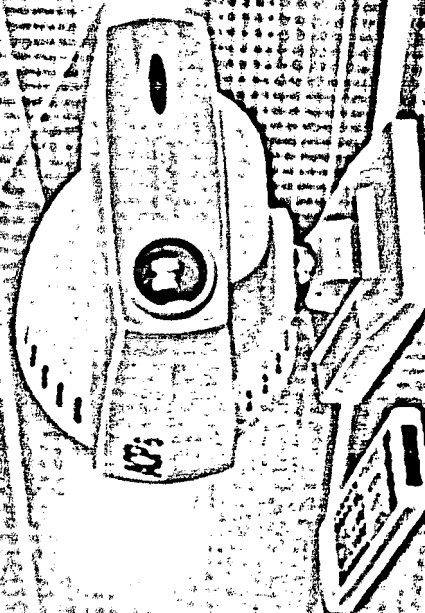
TOPCON

Creation
The Art of Image Making

AUTO CHART PROJECTOR

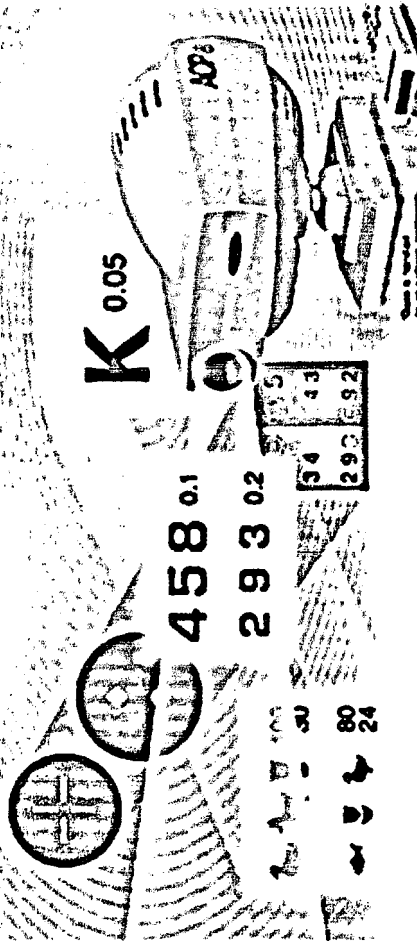
ACP-8 NEW

EM3WE 0.3
WM3M 0.4
E3WME 0.5



VERSATILE... QUICK... CONVENIENT... FUNCTIONAL

The TOPCON ACP-8 features Auto Chart Projector provides improved sharp and clear image projection and fast chart rotation. A built-in remote control allows convenient projection of the 30 test charts at a rate of 0.03 seconds per frame. In addition, the ACP-8 can offer 3 x 5 character charts with a wide projection size (330 x 270) for fast and efficient testing.

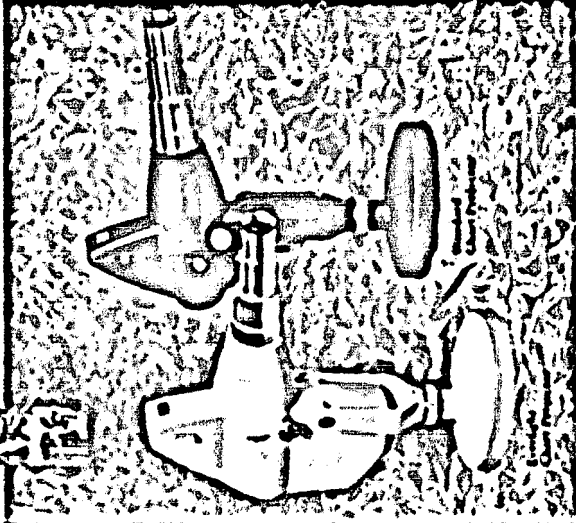


Features

- Coupled with CV-3000**
The ACP-8 system can be further expanded greatly with the IIS CV-3000 (3 megapixel) CV-3000 camera. The combination of the camera and the ACP-8 system can be used for quality and easy access to charts for optimal visual inspection.
- Program Settings**
The ACP-8 system can be programmed to project a specific sequence of charts for maximum flexibility and within time limits.
- Single Character Mapping**
The unique mapping capabilities of the ACP-8 system allow projection of a single character at a time.
- Tilt Function**
The rotation rate of the projector can be adjusted to achieve a perfectly projected picture on the screen.
- Easy Setup and Maintenance**
It is very easy to replace the bulb. You merely adjust the position and focus of the bulb after replacement.

MARCO
OPTICAL

CHART PROJECTORS



1. Projector of this design is suitable for use in a laboratory or office setting. It is a compact, portable unit which can be easily moved from one location to another.

2. Projector of this design is suitable for use in a laboratory or office setting. It is a compact, portable unit which can be easily moved from one location to another.

3. Projector of this design is suitable for use in a laboratory or office setting. It is a compact, portable unit which can be easily moved from one location to another.

4. Projector of this design is suitable for use in a laboratory or office setting. It is a compact, portable unit which can be easily moved from one location to another.

5. Projector of this design is suitable for use in a laboratory or office setting. It is a compact, portable unit which can be easily moved from one location to another.

6. Projector of this design is suitable for use in a laboratory or office setting. It is a compact, portable unit which can be easily moved from one location to another.

7. Projector of this design is suitable for use in a laboratory or office setting. It is a compact, portable unit which can be easily moved from one location to another.

8. Projector of this design is suitable for use in a laboratory or office setting. It is a compact, portable unit which can be easily moved from one location to another.

9. Projector of this design is suitable for use in a laboratory or office setting. It is a compact, portable unit which can be easily moved from one location to another.

10. Projector of this design is suitable for use in a laboratory or office setting. It is a compact, portable unit which can be easily moved from one location to another.

MARCO
OPTICAL
AUTOMATIC
CHART PROJECTOR

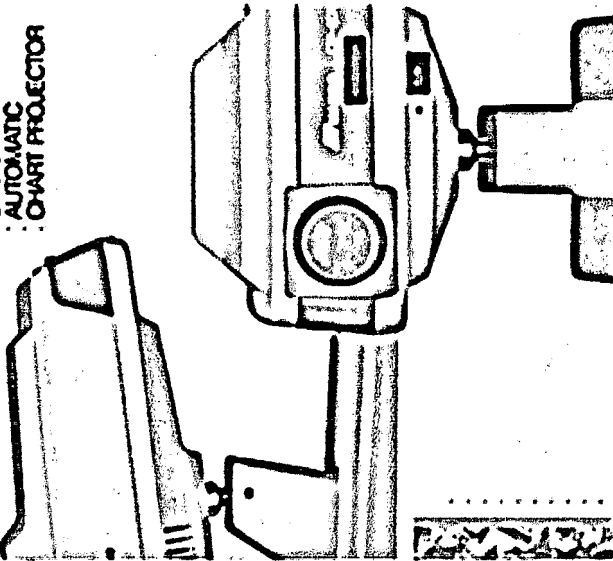


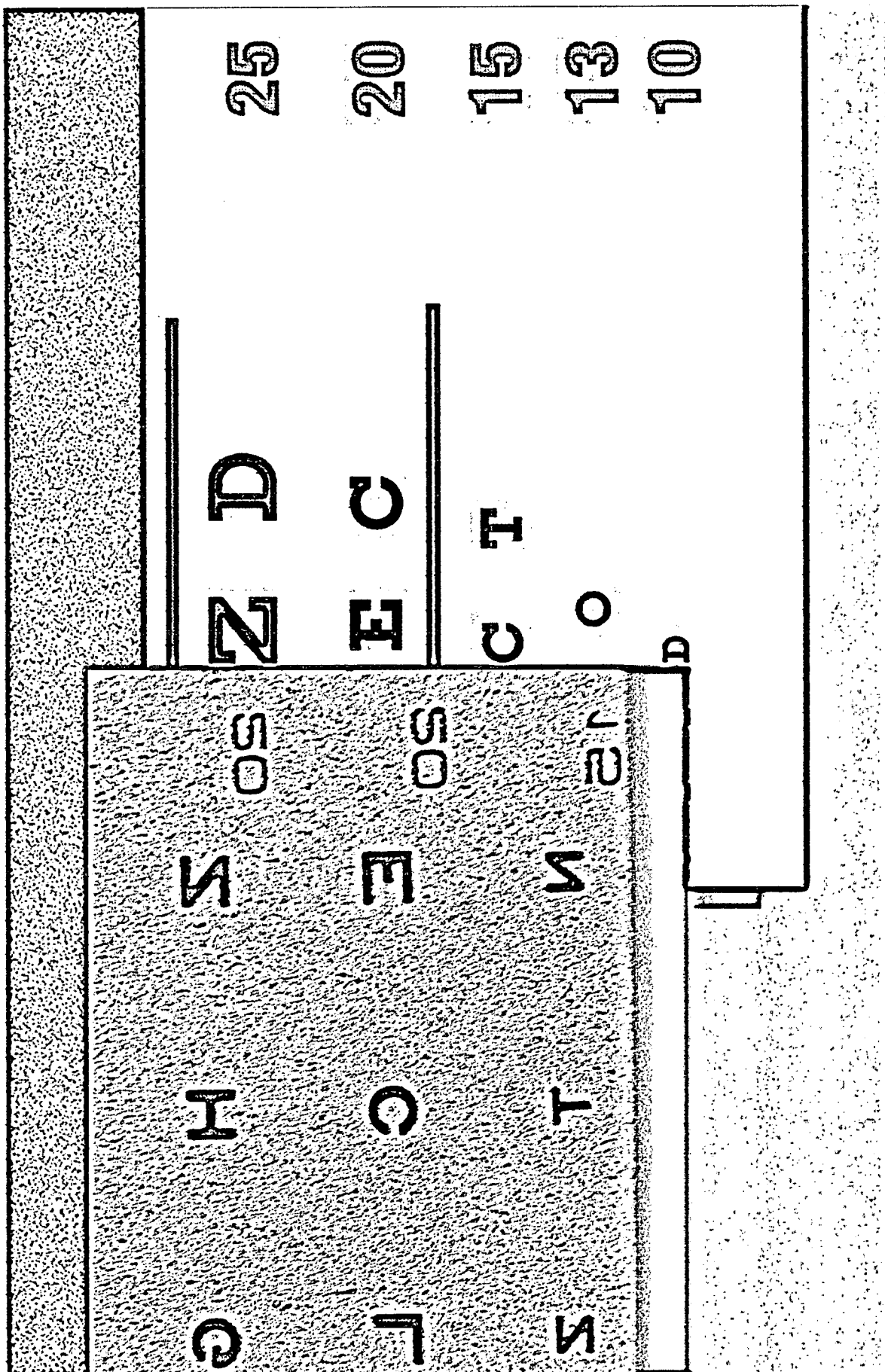
CHART SPECIFICATIONS

Model: OP-600
Type: Automatic
Power: 115V AC, 60 Hz
Weight: 15 lbs.
Dimensions: 18" x 18" x 18"

CHART SPECIFICATIONS

Model: OP-600
Type: Automatic
Power: 115V AC, 60 Hz
Weight: 15 lbs.
Dimensions: 18" x 18" x 18"

MARCO



OBSERVATIONS

Bulb Life

Bulbs & Halogen Bulbs

Halogen Bulbs burn at 3000 - 3500K

Brightness of the bulb during its life

2 - 3 years - \$50 - \$550 Replacement

Slide Test

Easy Access to different Slides

Damage due to wear and tear

Limited Number of Tests

Fuzzy Letter over any distance

No Color Screening

Winter Heater

Not Much fun...

Room Lighting

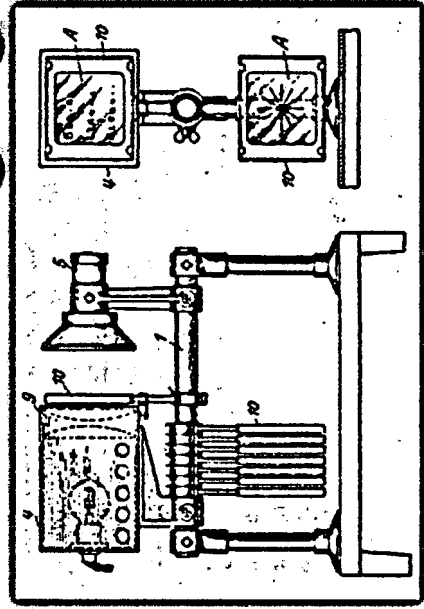
Silver Oxide (Gray) Screens

Contrast Lighting < 250:1

Room Lights 4000 - 6500K

Dim the room lights to see the screen

No Real World Lighting

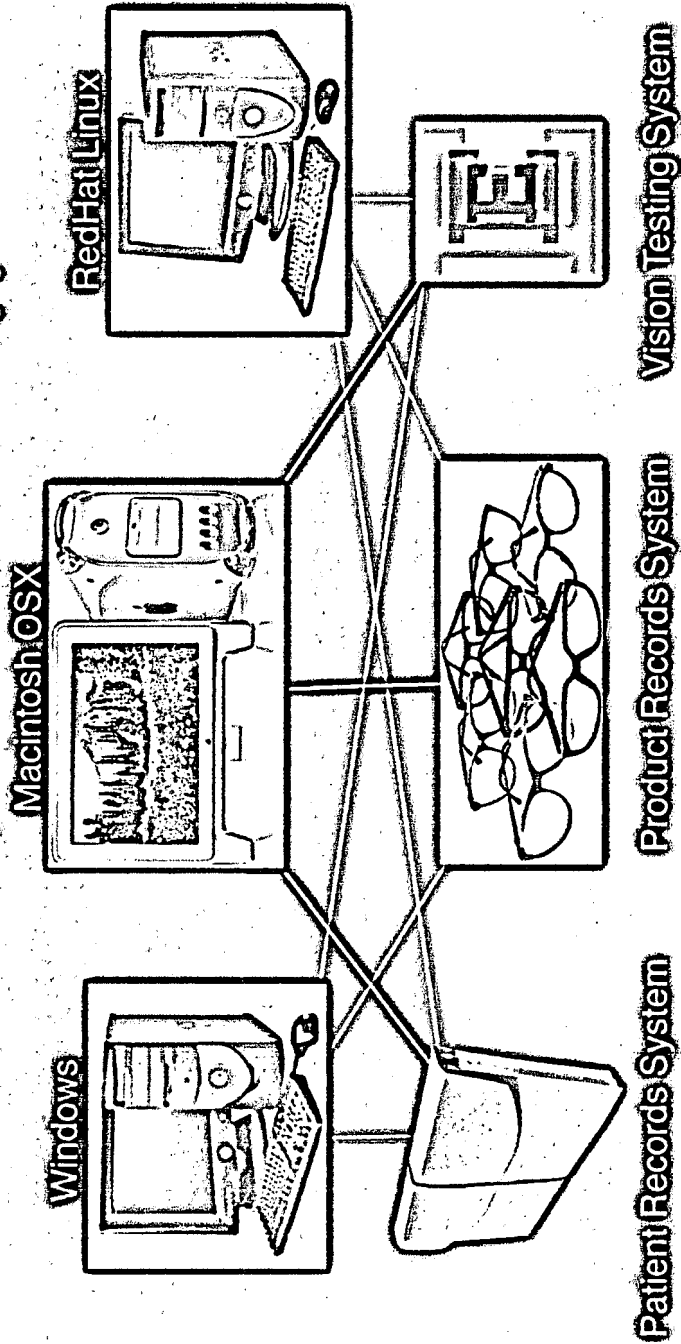


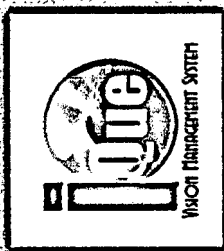


Configurations

Compatible with:

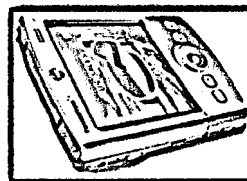
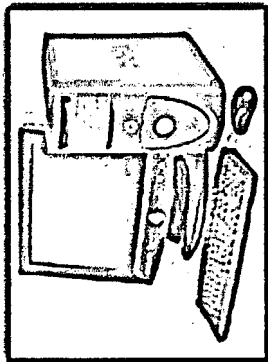
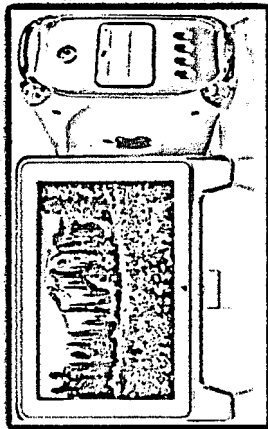
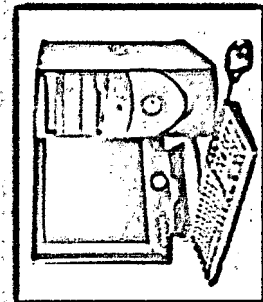
Windows, Mac OS X, RedHat Linux
over TCP/IP, IXP/SPX and Apple Talk



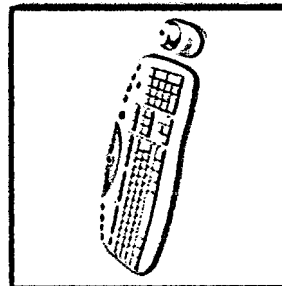


Doctors Tools

Optional



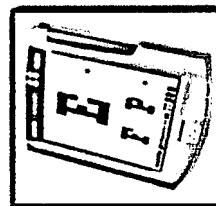
PDA



**Wireless
Keyboard
Mouse**



**Wireless
Pointer
Mouse**



**PC
Tablets**

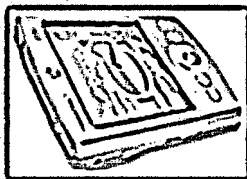
Figure 13 Replacement Sheet

Figure 13 Replacement Sheet

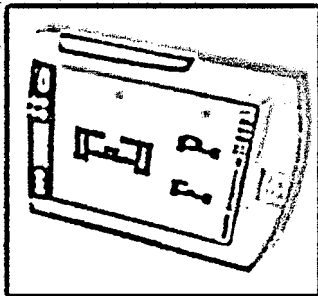


More Doctors Tools

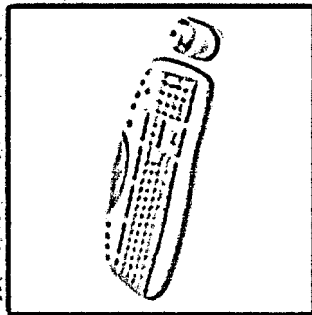
Wireless Network



PDA



PC Tablets



Wireless Keyboard/
Mouse

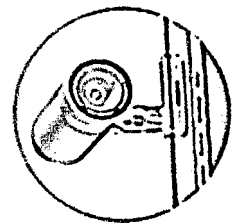


Wireless
Pointer/Mouse

Access files

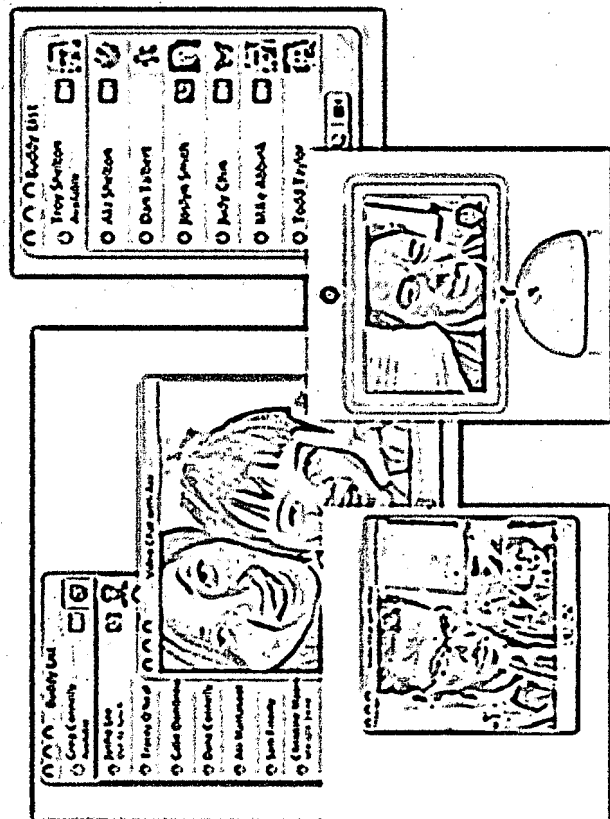
Access the Web

Check E-Mail



iSight

The eyes and ears
of iChat AV.



Under Mac OS X

Using the

AOL Buddy List

Internet Audio

Phone Calls

Video conference

iSight Web Cams



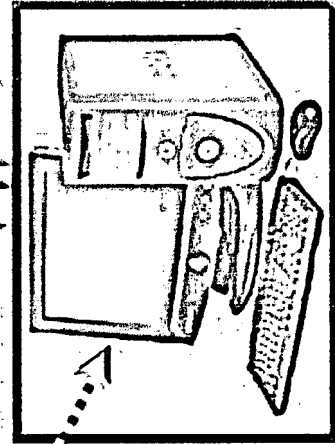
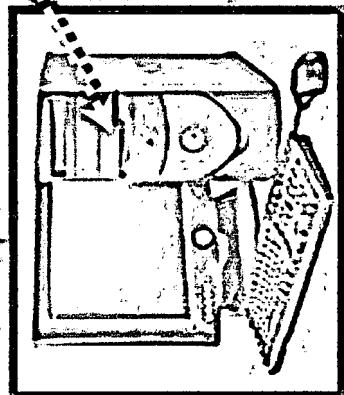
Terminal — tcsh (tty1)

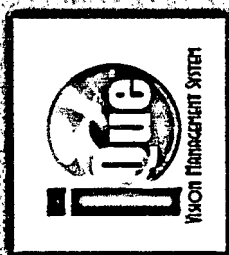
```
log in: Wed Jul 16 08:22:41 on tttyp1
Welcome to Darwin!
[trul@med-os-computer:~]$ multi med1088
```

Technical Internet Service with Backdoor Terminal Access

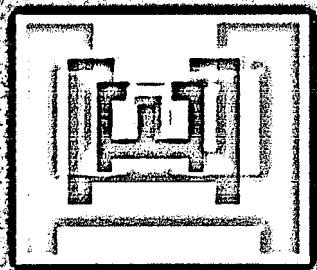
...and best of all!

VISION MANAGEMENT SYSTEM





Choice - Clinical Menus



Solid Color

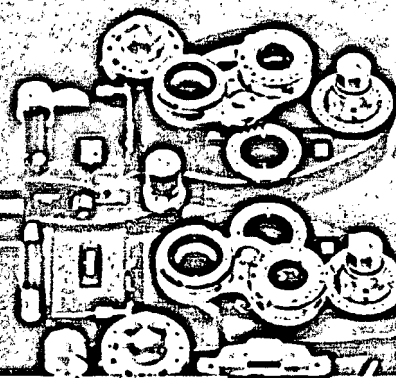
I.C. Mueix Eye Center (The Vision Testing System)
Created by
Dr. Your Name Here

Gradient Color

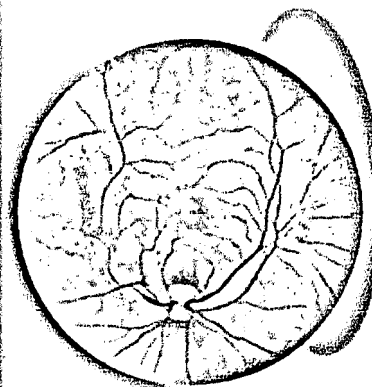
I.C. Mueix Eye Center (The Vision Testing System)
Created by
Dr. Your Name Here
Test Menu

Phoropter S/G

I.C. Mueix Eye Center (The Vision Testing System)
Created by
Dr. Your Name Here



Retina S/G



I.C. Mueix Eye Center (The Vision Testing System)
Created by
Dr. Your Name Here


Test Menu
2020 Addition 2020 Subtraction
2020 Addition 2020 Subtraction

• **Clinic Name**
• **Doctors Name**

Figure 16B Replacement Sheet

Figure 16B Replacement Sheet


Figure 16C Replacement Sheet



iQue
VISION MANAGEMENT SYSTEM


Choice-Custom Menus

PDF Proofing-Email






I.C. Mueix Eye Center Vision Testing System

Created by **Dr. Samantha Sharp**

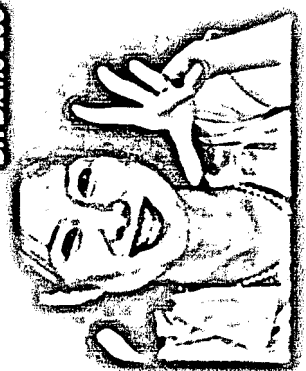


Test Menu




-  20/20 Animation
-  20/20 Slides
-  20/20 Slides Mirrored

I.C. Mueix Eye Center Vision Testing System


Created by **Dr. Diane Lee**






Test Menu

-  20/20 Animation
-  20/20 Slides
-  20/20 Slides Mirrored


I.C. Mueix Eye Center Vision Testing System






Test Menu

-  20/20 Animation
-  20/20 Slides
-  20/20 Slides Mirrored

I.C. Mueix Eye Center Vision Testing System



Test Menu

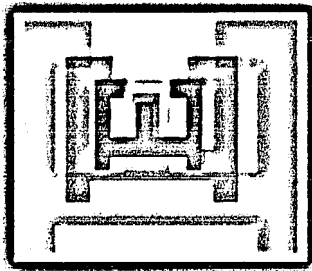
-  20/20 Animation
-  20/20 Slides
-  20/20 Slides Mirrored

• Clinic Designs • Professional Designs • Personal Designs

Figure 16C Replacement Sheet

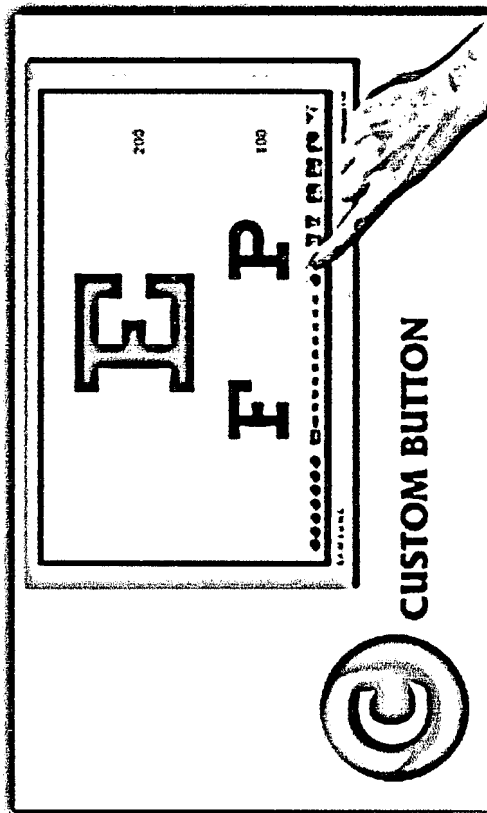


Choice=Custom Button



Doctor Orders!
All-In-One

15 Slide Test



- Snellen
- Broken Wheel
- Clock Dial
- Numbers
- Tumbling E's
- 4 Dot Test
- Dyanmic Tools
- Phoria Testing
- Lea Optotype
- Allen Optotype
- Color Squares
- R&G Letters
- ISO Letters
- Fixation
- HIOV

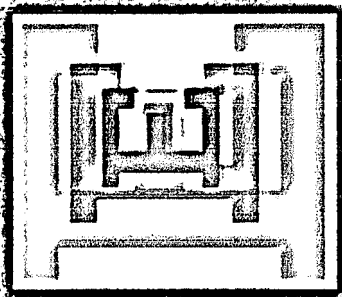
40>15 Snellen - HOTV 30>15 - Allen 40>20 - Tumbling E 70>15 - 4 Dot > close with R&G

Figure 17 Replacement Sheet

Figure 17 Replacement Sheet



iQue Vision Testing System



15 Slide Test

15 Animated Test

Snellen
Broken Wheel
Clock Dial
Numbers
Tumbling E's
4 Dot Test
Dyanmic Tools
Phoria Testing

Lea Optotype
Allen Optotype
Color Squares
R&G Letters
ISO Letters
Fixation
HTOV

Snellen
Broken Wheel
Clock Dial
Numbers
Tumbling E's
4 Dot Test
Dyanmic Tools
Phoria Testing

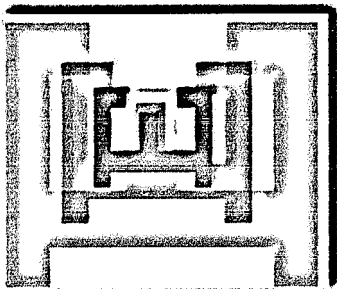
Snellen Test has 81 Slides - Over 300 tests

Figure 18 Replacement Sheet

Figure 18 Replacement Sheet



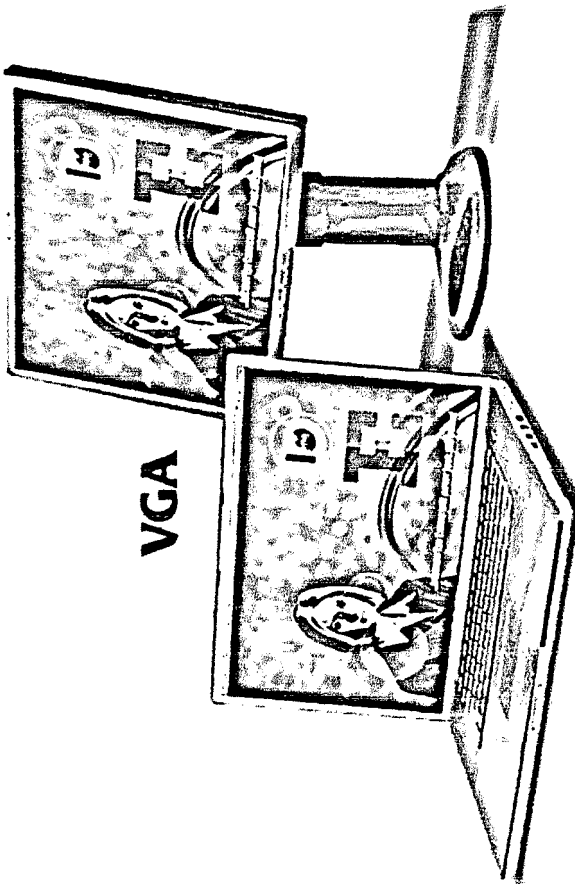
Stand Alone Configuration



DVI



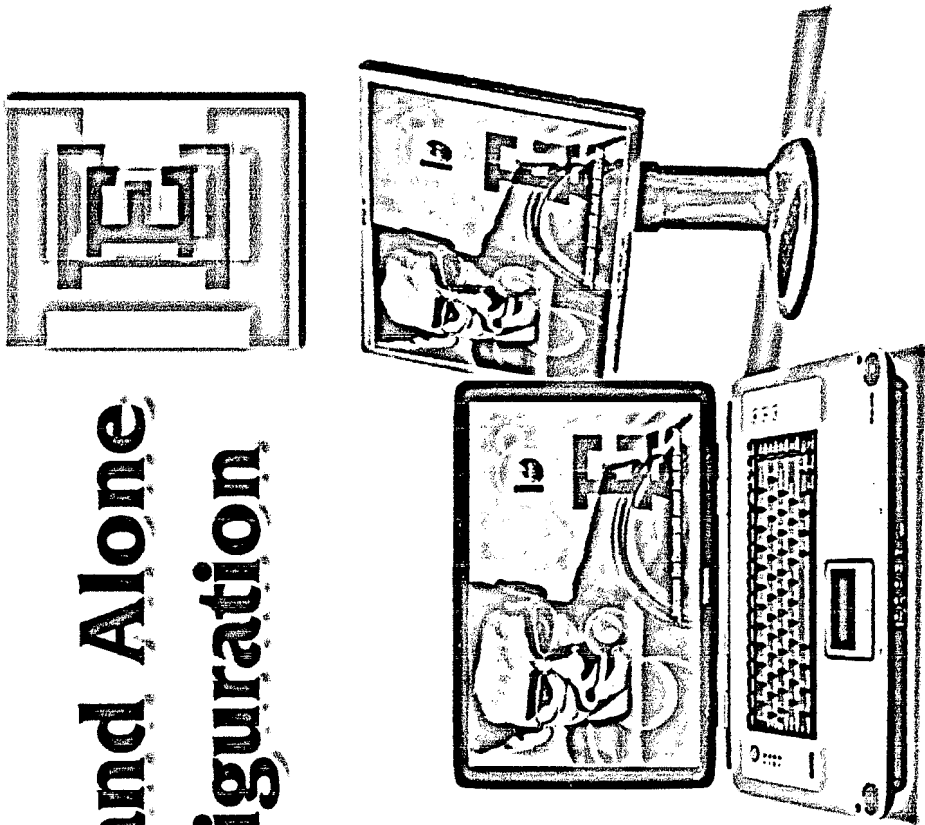
VGA



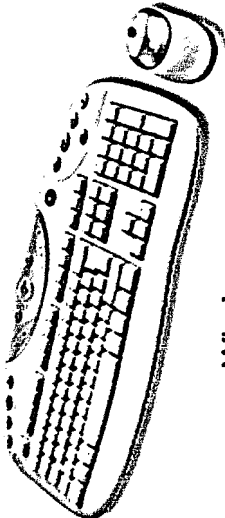
15" & 17" Apple Powerbook
Touch Screen



PC Stand Alone Configuration



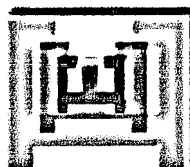
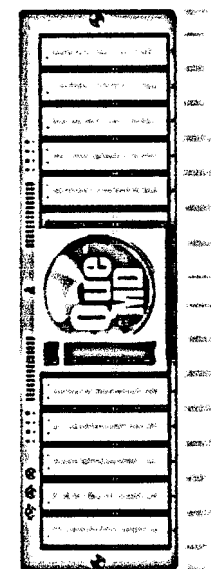
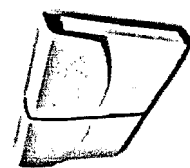
Toshiba P25-S609 - 17"



Wireless
Keyboard / Mouse

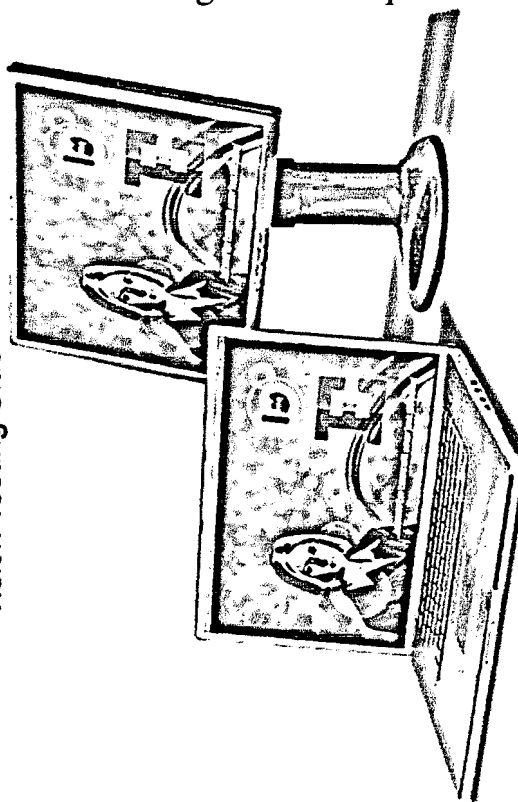
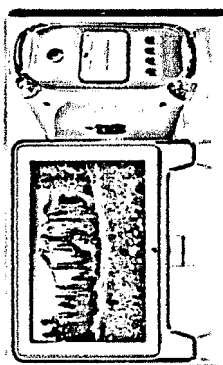


Cross Platform with Server Connection

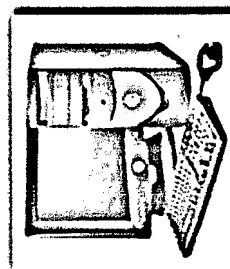


Patient / Admin Records

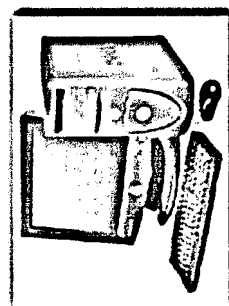
Vision Testing Side



Macintosh OSX



Windows OS



RedHat Linux

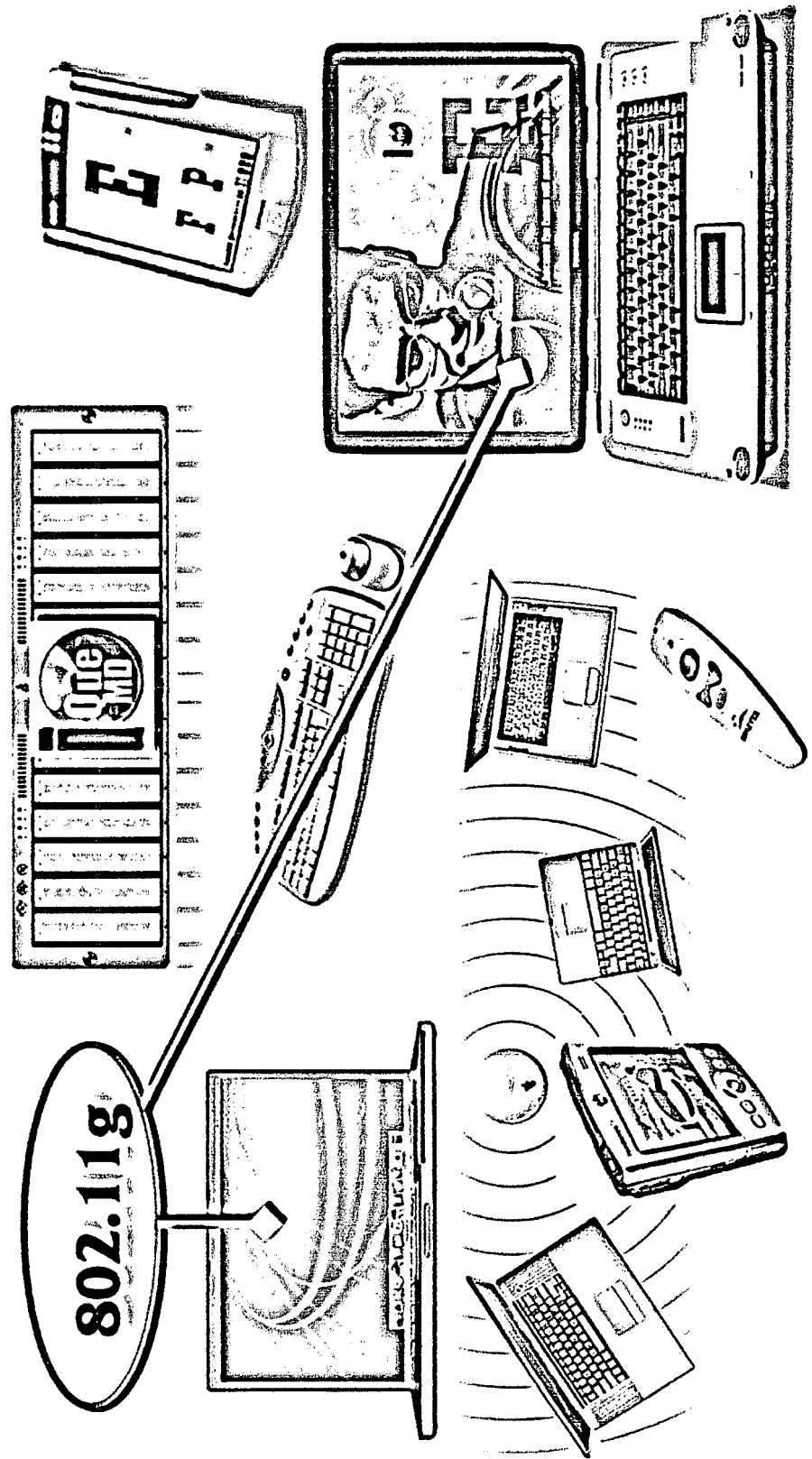
Choice of Platform or Existing System

Figure 19C Replacement Sheet

Figure 19C Replacement Sheet



Portable Systems Choice of Wireless Connection

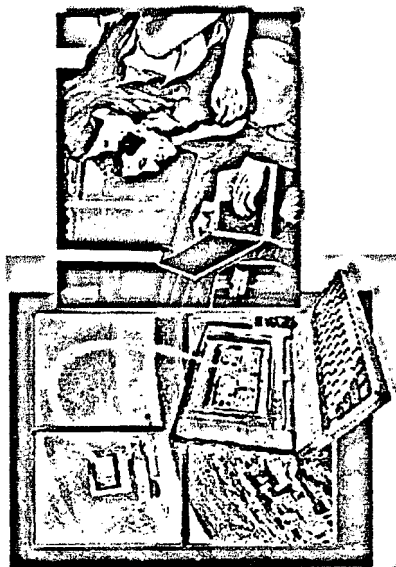




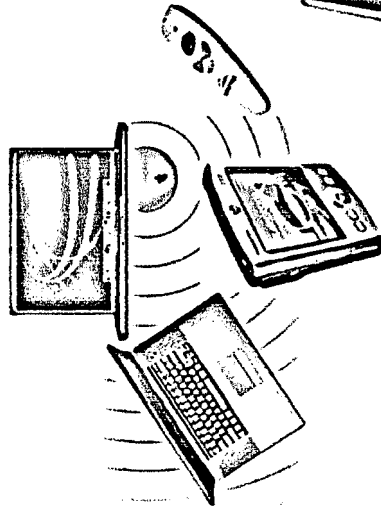
Server Combinations



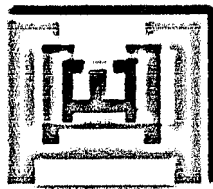
Patient / Admin Records



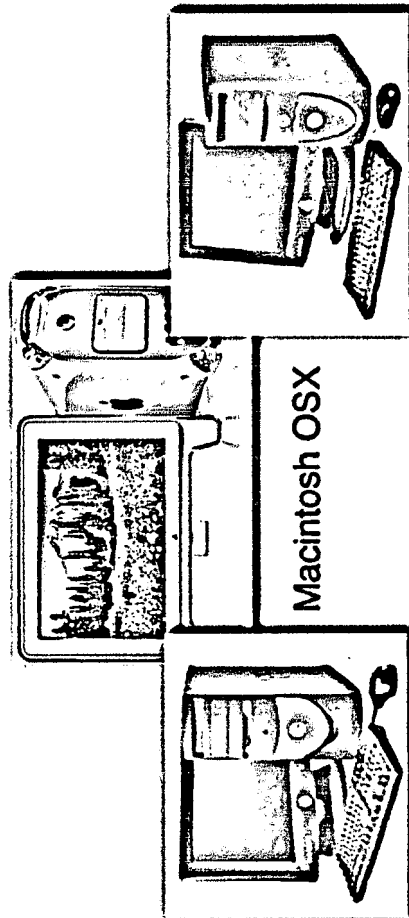
Internet Connection



Wireless



Vision Testing Side



Macintosh OSX

Windows OS

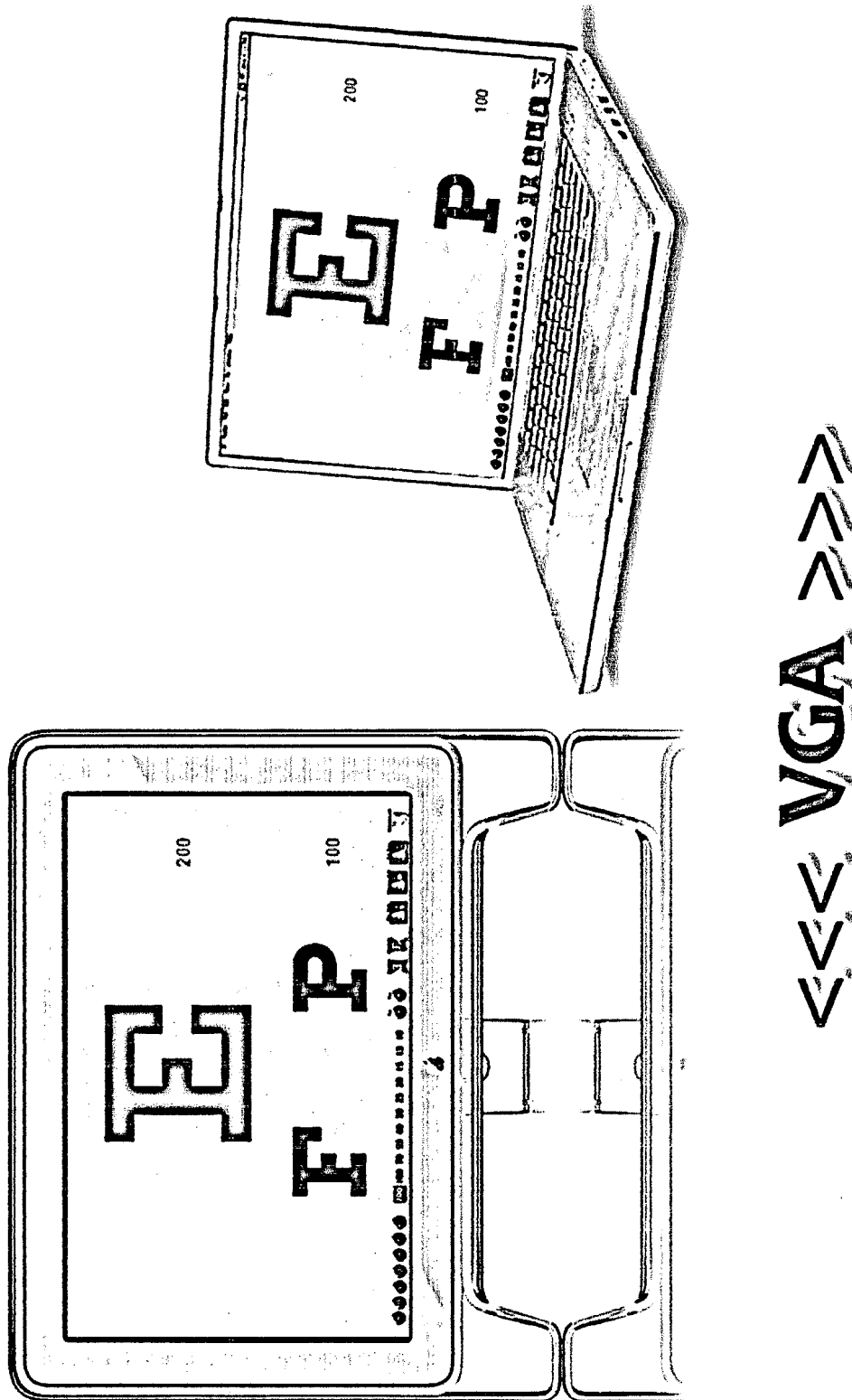
RedHat Linux

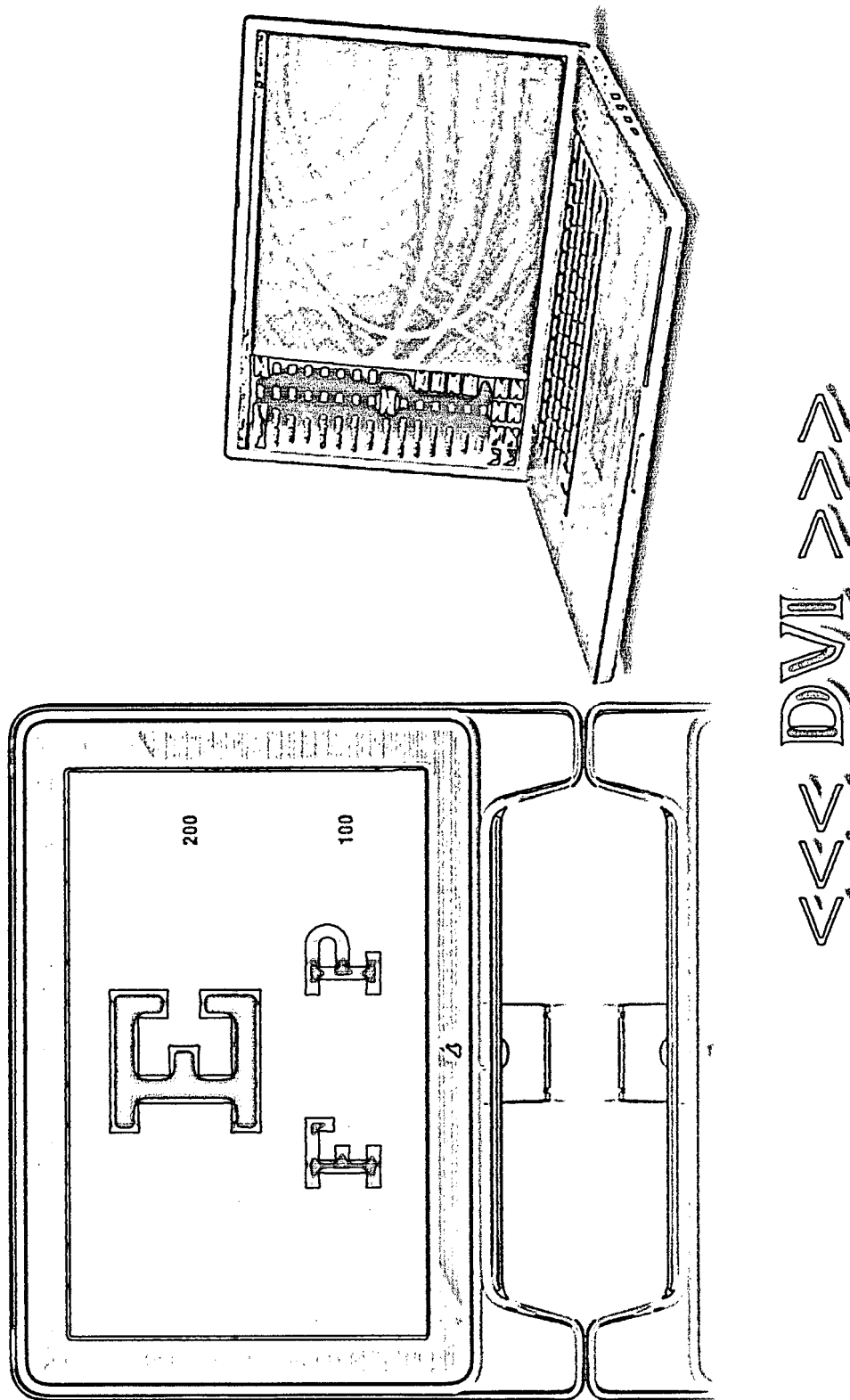
Multiple

Stand-Alone

Figure 19E Replacement Sheet

Figure 19E Replacement Sheet





80

A large, stylized, black and white graphic of a square with a thick border and a central cross-like shape, resembling a stylized 'H' or a maze. The graphic is composed of thick black lines on a white background, forming a square frame with a central horizontal and vertical bar that intersect to form a cross. The lines are slightly irregular, giving it a hand-drawn or stencil-like appearance.



200

Figure 21B Replacement Sheet

100

FEZ

1234567890
ABCDEFGHIKLNOPRTVZ



15 13 10



20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100



200 100 70 50 40 30 25 20 15 13 10



200 100 70 50 40 30 25 20 15 13 10



200 100 70 50 40 30 25 20 15 13 10



200 100 70 50 40 30 25 20 15 13 10



200 100 70 50 40 30 25 20 15 13 10



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200 100 70 50 40 30 25 20 15 13 10

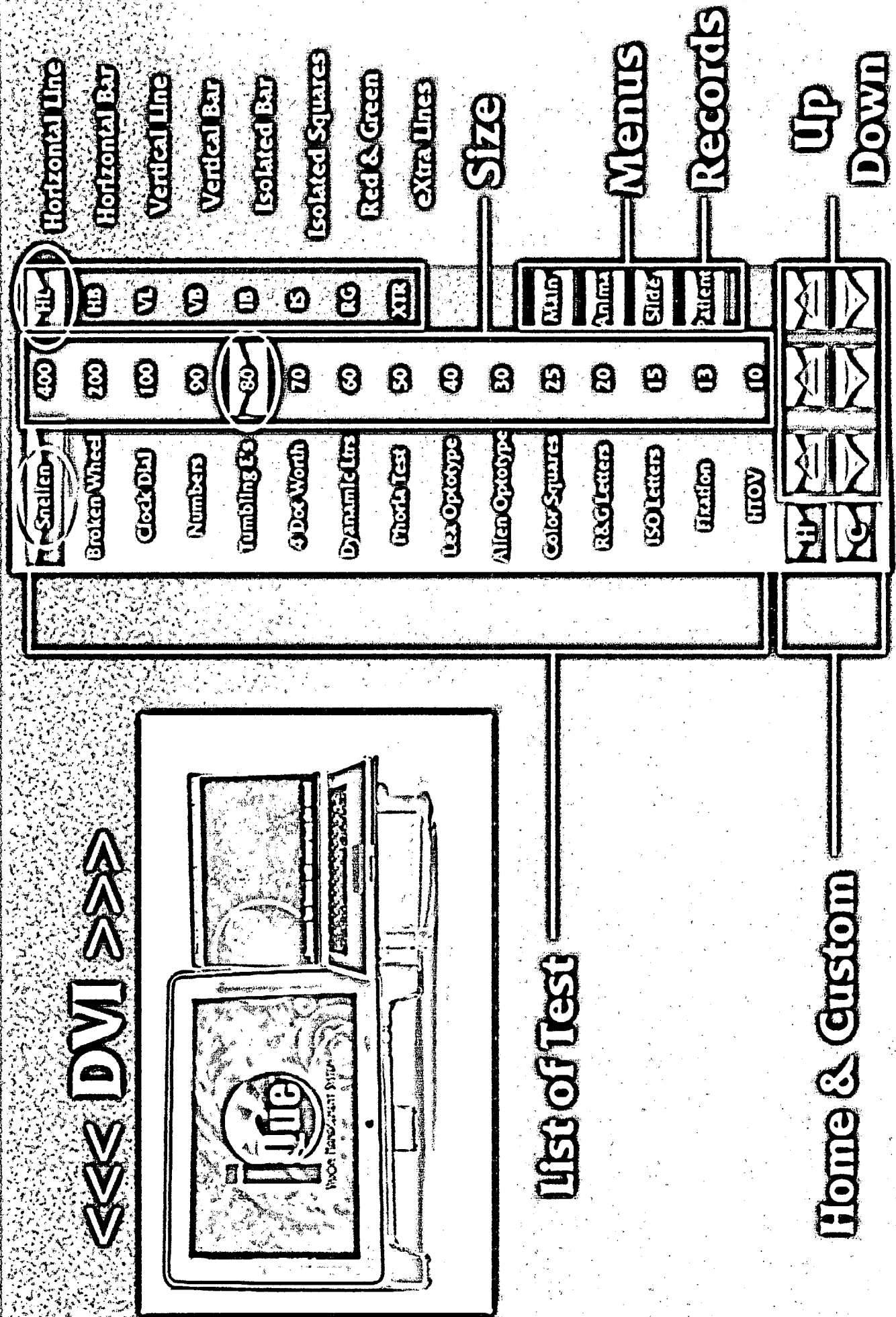
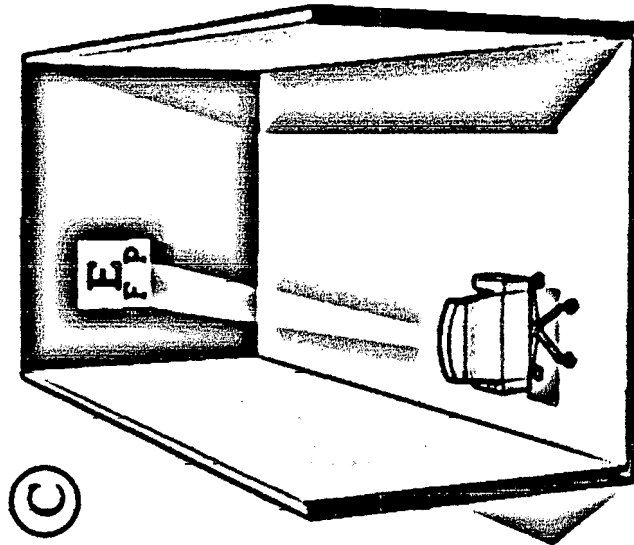
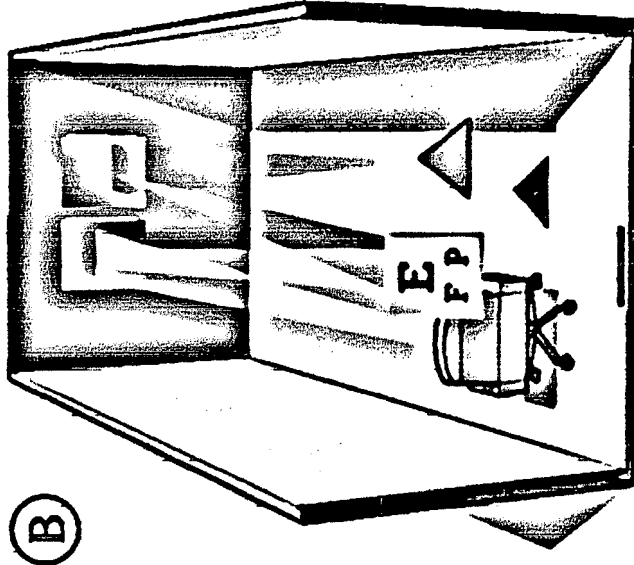
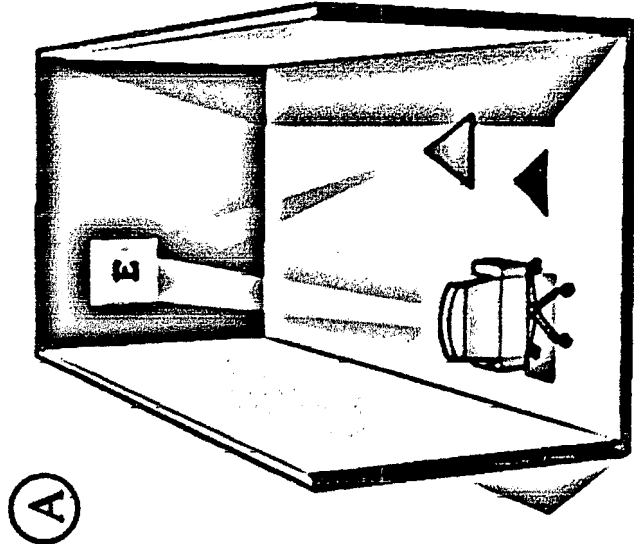


Figure 22 Replacement Sheet

Projection Systems vs iQueVision A/VTS



Legend

A- Patients View vs Projection in a 20ft room

B- Patients View vs Projection in a 10ft Mirrored room

C- Patients View with iQueVision Monitor Screen in a 10 or 20ft room

Figure 23 Replacement Sheet

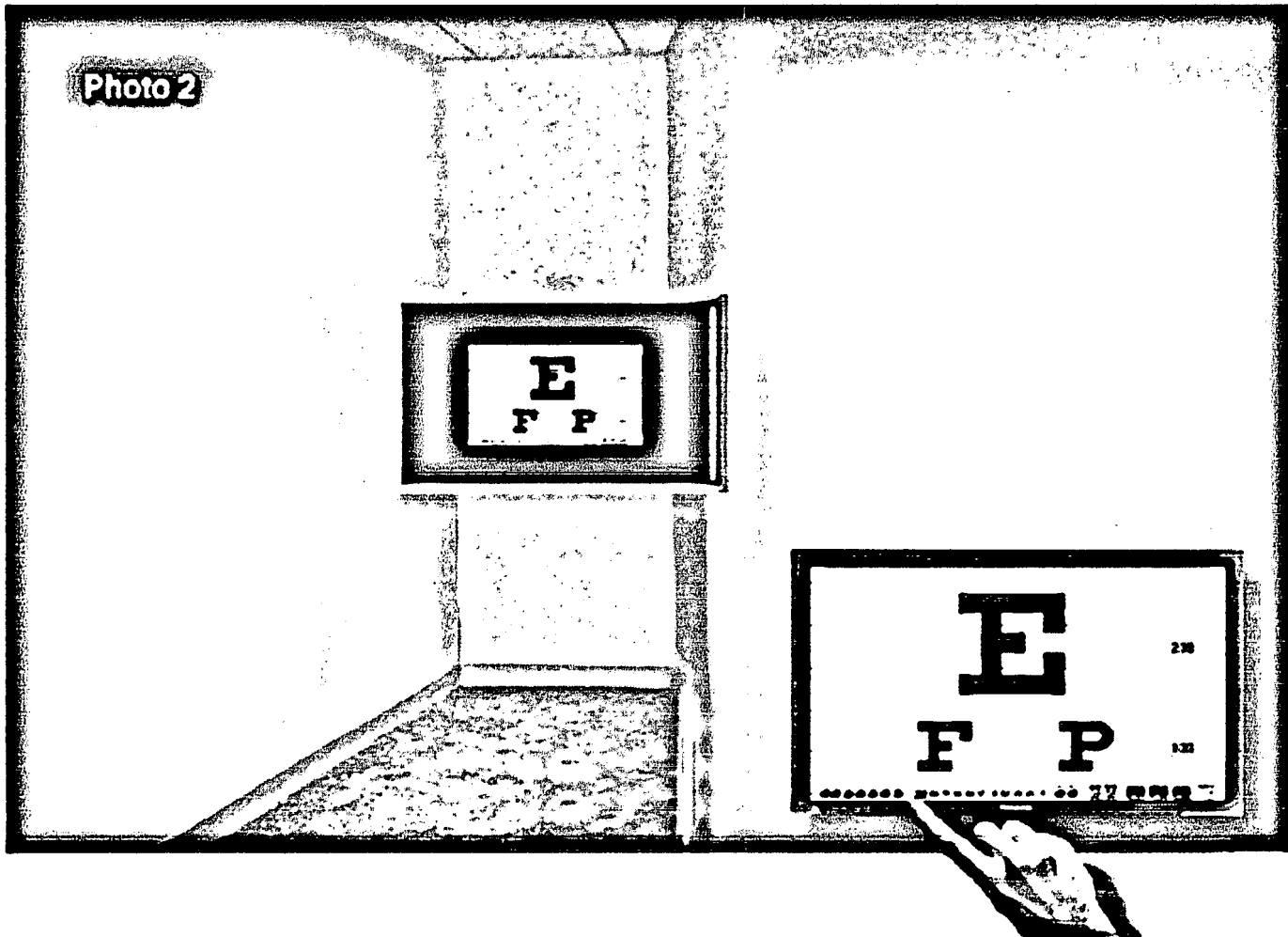
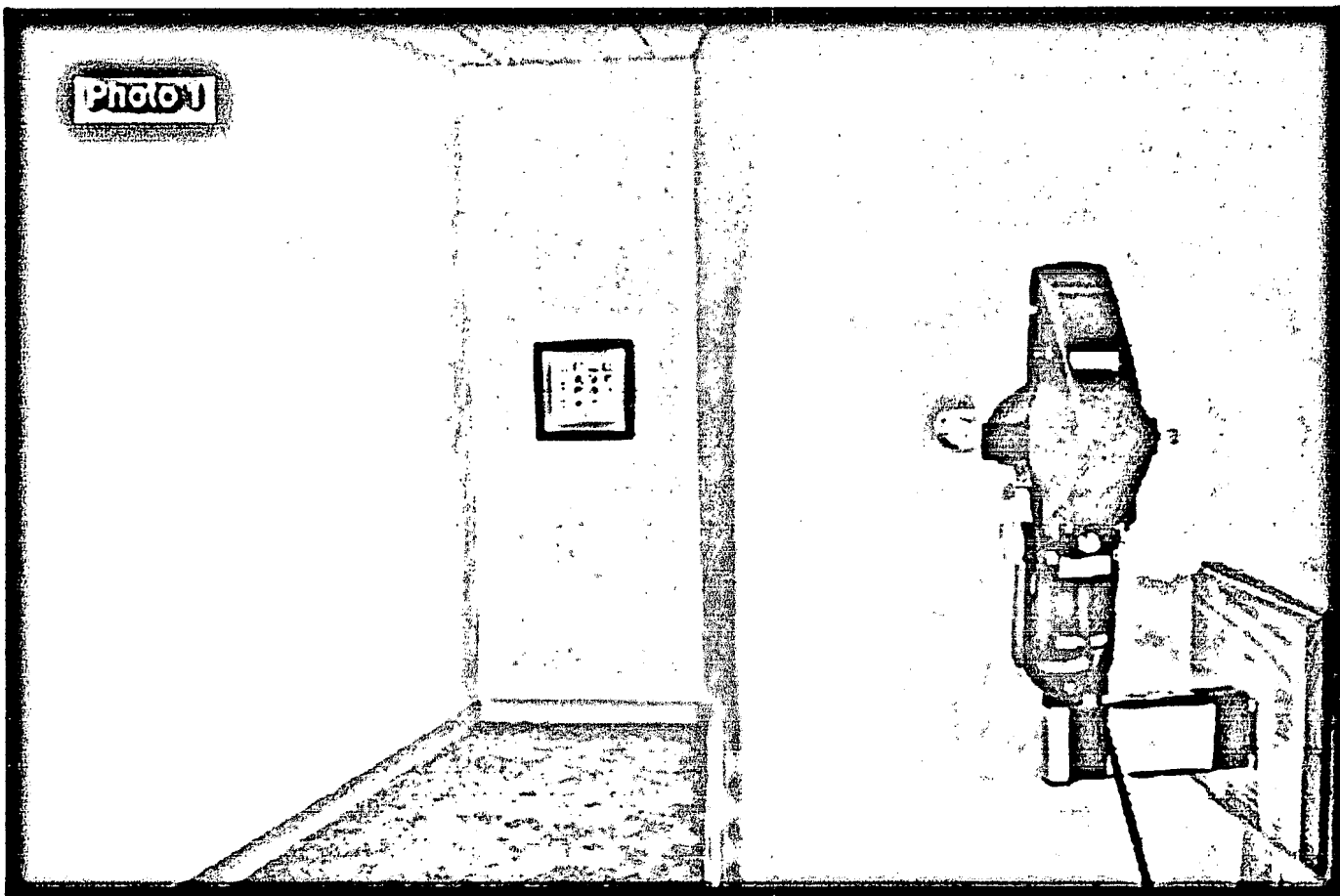


Figure 23 Replacement Sheet